

2682 / P. JFW
CC

PTO/SB/21 (05/00)

MODIFIED

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

213200.00072

* plus reference copies

Total Number of Pages in This Submission

10

Application Number 09/920,240

Filing Date 08/01/2001

First Named Inventor Pierre ROO

Group Art Unit 2682

Examiner Name Eugene Yun

Attorney Docket Number MP0039.CIP

ENCLOSURES (check all that apply)

Fee Transmittal Form
 Credit Card Authorization
 Amendment / Reply
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement with PTO-1449 and cited references
 Certified Copy of Priority Document(s)
 Response to Missing Parts/ Incomplete Application
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers (for an Application)
 Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Associate Power of Attorney
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____

After Allowance Communication to Group
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name Andrew J. Bateman
Registration No.: 45,573

Signature

Date

07/08/2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____

Typed or printed name

Signature

Date

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EY/

JUL 06 2005

FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known	
Application Number	09/920,240
Filing Date	08/01/2001
First Named Inventor	Pierte ROO
Examiner Name	Eugene Yun
Art Unit	2682
Attorney Docket No.	MP0039.CIP

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account **50-1710**Account Name **KATTEN MUCHIN ROSENMAN, LLP****The Director is authorized to: (check all that apply)**

Charge fees(s) indicated below Credit any overpayments

Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

FEES CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 300	2001 150	Utility Filing Fee	300.00
1111 500	2111 250	Utility Search Fee	500.00
1311 200	2311 100	Patent Examination Fee	200.00

SUBTOTAL (1) (\$ 0.00)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee Paid
	- 20** =	50.00
Independent	- 3** =	200.00
Multiple Dependent		360.00

Large Entity	Small Entity	Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple dependent claim, if not paid over original patent	
1204 200	2204 100	** Reissue independent claims over original patent	
1205 50	2205 25	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

** or number previously paid, if greater; For Reissues, see above

FEES CALCULATION (continued)

Large Entity	Small Entity	Description	Fee Paid
Fee Code \$	Fee Code \$		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable (1.17(i))	
1453 1,500	2453 750	Petition to revive - unintentional (1.17(m))	
1501 1,400	2501 700	Utility issue fee (or reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
1460 130	1460 130	Petitions to the Director	
1807 50	1807 50	Processing fee - provisional app (1.17(q))	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (1.12(b)(ii))	
1814 130	2814 65	Statutory Disclaimer	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Req for expedited examination - Design App	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
		SUBTOTAL (3) (\$ 180.00)	

SUBMITTED BY

Name: Andrew J. Bateman

Registration No.: 45,573

Telephone: (202) 625-3547

Signature: Andrew J. Bateman

Date: 07/08/2005

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EY/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Pierte ROO

Application No.: 09/920,240

Filed: August 1, 2001

For: ACTIVE RESISTIVE SUMMER FOR
A TRANSFORMER HYBRID

) Examiner: Eugene YUN
) Group Art Unit: 2682
) Confirmation No.: 4035
)
) Date: July 8, 2005

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 and to the attached copies of any non-U.S. patent documents listed thereon.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

Authorization for payment of the IDS fee of \$180.00 is being filed concurrently herewith.

Should the Examiner have any questions, Applicant's undersigned attorney is reachable by telephone in our Washington, D.C. office at (202) 625-3547. The correspondence address of record is provided below.

Respectfully submitted,

KATTEN MUCHIN ROSENMAN, LLP

By:

Andrew J. Bateman
Registration No. 45,573

IP Docket
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Washington, DC 20007-5201
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07/12/2005 MBEYENEL 00000124 09920240

01 FC:1806

180.00 OP

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EXAMINED: Initial reference considered, whether or not citation is in accordance with MPRC 600; Drawing inspection cited. Not in conformance and not considered valid.

SHEET 1 OF 6

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EY/



FORM PTO 144B MODIFIED U.S. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.	APPLICATION NO.	
				MP0039.CIP	09/920,240	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT		
DATE SUBMITTED TO USPTO: July 8, 2005				Pierte ROO		
				FILING DATE	GROUP	
				08/01/2001	2682	
U.S. PATENT DOCUMENTS						
'EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	2002/0136321	09/2002	CHAN			
	2003/0002570	01/2003	CHAN			
	2004/0005015	01/2004	CHAN			
	2004/0090981	05/2004	LIN, et al.			
	2004/0091071	05/2004	LIN, et al.			
	2004/0105504	06/2004	CHAN			
	2005/0025266	02/2005	CHAN			
	60/106,265	10/30/1998	CHAN			
	4,131,767	12/1978	WEINSTEIN			
	5,323,157	06/1994	LEDZIUS, et al.			
	6,185,263	02/2001	CHAN			
	6,259,680	07/2001	BLACKWELL, et al.			
	6,259,745	07/2001	CHAN			
	6,373,908	04/2002	CHAN			
	6,389,077	05/2002	CHAN			
	6,4111,647	06/2002	CHAN			
	6,509,857	01/2003	NAKAO			
	6,594,304	07/2003	CHAN			
	6,690,742	02/2004	CHAN			
	6,744,831	06/2004	CHAN			
	6,188,282	02/01	MONTALVO			
	6,204,788	03/2001	TANI			
	6,236,346	05/2001	SCHOFIELD			
EXAMINER				DATE CONSIDERED		
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
SHEET 2 OF 6						

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FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.	APPLICATION NO.	
				MP0039.CIP	09/920,240	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT		
				Pierte ROO		
DATE SUBMITTED TO USPTO: July 8, 2005				FILING DATE	GROUP	
				08/01/2001	2817	
U.S. PATENT DOCUMENTS						
'EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,746,903	05/1988	CZARNIAK, et al.			
	5,043,730	08/1991	OBINNATA			
	5,465,272	11/95	SMITH			
	5,471,665	11/95	PACE, et al.			
	5,489,873	02/96	KAMATA, et al.			
	5,508,656	04/96	JAFFARD, et al.			
	5,517,141	05/96	ABDI, et al.			
	5,539,405	07/1996	NORSWORTHY			
	5,572,158	11/96	LEE, et al.			
	5,585,795	12/1996	YUASA, et al.			
	5,587,681	12/96	FOBBESTER			
	5,648,738	07/97	WELLAND, et al.			
	5,663,728	09/1997	ESSENWANGER			
	5,757,219	05/98	WEEDON, et al.			
	5,760,726	06/1998	KOIFMAN, et al.			
	5,798,664	08/98	NAGAHORI, et al.			
	5,844,439	12/98	ZORTEA			
	5,880,615	03/99	BAZES			
	5,940,442	08/99	WONG, et al.			
	6,043,766	03/00	HEE, et al.			
	6,044,489	03/00	HEE, et al.			
	6,121,831	09/00	MACK			
	6,140,857	10/00	BAZES			
	6,148,025	11/00	SHIRANI, et al.			
	6,163,283	12/2000	SCHOFIELD			
EXAMINER			DATE CONSIDERED			

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SHEET 3 OF 6

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EY/

FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.	APPLICATION NO.
		MP0039.CIP	09/920,240
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT	
		Pierte ROO	
DATE SUBMITTED TO USPTO: July 8, 2005		FILING DATE	GROUP
		08/01/2001	2682

OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)

	Bertolaccini, Mario, et al., "A Precision Baseline Offset and Drift Corrector for Low-Frequency Applications, IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, Vol. IM-34, No. 3, September, 1985, pp. 405-412.
	Everitt, James, et al., "A CMOS Transceiver for 10-Mb/s and 100-Mb/s Ethernet," IEEE JOURNAL OF SOLID-STATE CIRCUITS, Vol. 33, No. 12, December 1998, pp. 2169-2177.
	Kelly, N. Patrick, et al., "WA 18.5 - A Mixed-Signal DFE/FFE Receiver for 100Base-TX Applications," ISSCC 2000/SESSION 18/WIRELINE COMMUNICATIONS/PAPER WA 18.5, 2000 IEEE International Solid-State Circuits Conference, pp. 310-311.
	Song, Bang-Sup, et al., "FP 12.1: NRZ Timing Recovery Technique for Band-Limited Channels," ISSCC 96/SESSION 12/SERIAL DATA COMMUNICATIONS/PAPER FP 12.1, 1996 IEEE International Solid State Circuits Conference pp. 194-196.
	LINEAR TECHNOLOGY, High Speed Modem Solutions, InfoCard 20, Linear Technology Corporation.
	LINEAR TECHNOLOGY, LT1355/LT1356, Dual and Quad 12MHz, 400V/us Op Amps, Linear Technology Corporation, pp. 1-16.
	LINEAR TECHNOLOGY, LT1358/LT1359, Dual and Quad 25MHz, 600V/us Op Amps, Linear Technology Corporation, pp. 1-12.
	LINEAR TECHNOLOGY, LT1361/LT1362, Dual and Quad 50MHz, 800V/us Op Amps, Linear Technology Corporation, pp. 1-12.
	LINEAR TECHNOLOGY, LT1364/LT1365, Dual and Quad 70MHz, 1000V/us Op Amps, Linear Technology Corporation, pp. 1-12.
	LINEAR TECHNOLOGY, LT1813/LT1814, Dual/Quad 3mA, 100MHz, 750V/us Operational Amplifiers, Linear Technology Corporation, pp. 1-16.
	Yamaguchi, et al., "400Mbit/s Submarine Optical Repeater Using Integrated Circuits," Fujitsu Laboratories Ltd. and ENGLISH LANGUAGE TRANSLATION
	Uda, et al., "125Mbit/s Fiber Optic Transmitter/Receiver with Duplex Connector", Fiber Optic Communications Development Div., NEC Corporation, NEC Engineering, Ltd. and ENGLISH LANGUAGE TRANSLATION
	Mueller, K.H., "Combining Echo Cancellation and Decision Feedback Equalization," THE BELL SYSTEM TECHNICAL JOURNAL, Vol. 58, No. 2, February 1979, pp. 491-500.
	Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998.
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	H4000 DIGITAL ETHERNET TRANSCEIVER TECHNICAL MANUAL, Distributed Systems, Chapter 3, pp. 3-1 to 3-11, copyright 1982 by Digital Equipment Corporation
	IEEE STANDARDS 802.3ab-2002, "Part 3: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications", pp. 147-249

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 4 OF 6

ATTORNEY DOCKET NO. **APPLICATION NO.**

APPLICATION NO.

MP0039.CIP 09/920,240

LIST OF REFERENCES CITED BY APPLICANT

DATE SUBMITTED TO USPTO: July 8, 2005

III 082005

APPLICANT

FILING DATE

GROUP

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*** EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 5 OF 6

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /EY/

U.S. PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

DATE SUBMITTED TO USPTO: July 8, 2005



ATTORNEY DOCKET NO.	APPLICATION NO.
MP0039.CIP	09/920,240
APPLICANT	
Pierte ROO	
FILING DATE	GROUP
08/01/2001	2682

U.S. PATENT DOCUMENTS

EXAMINER /Eugene Yun/ **DATE CONSIDERED** 02/20/2009

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SWEET (• OF 10

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